



AERONA SMART HEAT PUMP CONTROLLER



INTUITIVE
DESIGN



7 DAY
PROGRAMMING



SELF
LEARNING



HEATING CURVE
SELECTION



WEB BASED
MONITORING &
CONTROL



3 HEATING
ZONES + DHW



AERONA SMART HEAT PUMP CONTROLLER

WHAT'S IN THE BOX

HPIDSMARTCONKIT includes:
 Smart Controller Touchscren Display
 Wiring Centre
 WiFi Hub
 Outdoor Weather Sensor
 Water Temperature Sensors X 3
 (2x 2m, 1x 4m)



OPTIONAL EXTRAS

Wireless Receiver *
 Wireless Thermostat (no receiver)
 Wireless Thermostat (with receiver)
 Wired Thermostat
 2m Water Temperature Sensor
 4m Water Temperature Sensor

* maximum of 3 thermostats per receiver

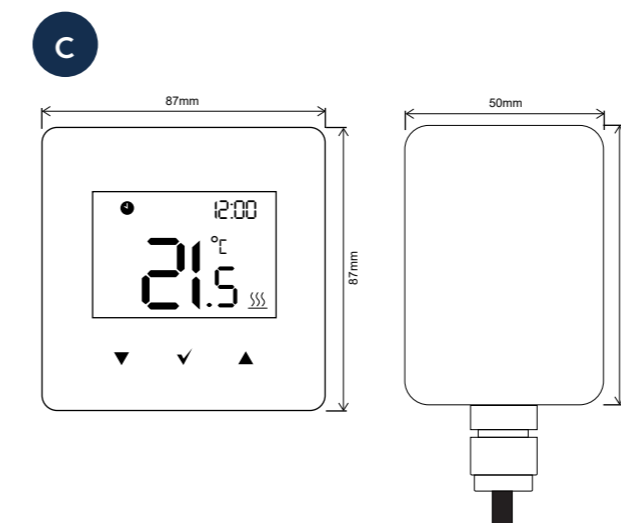
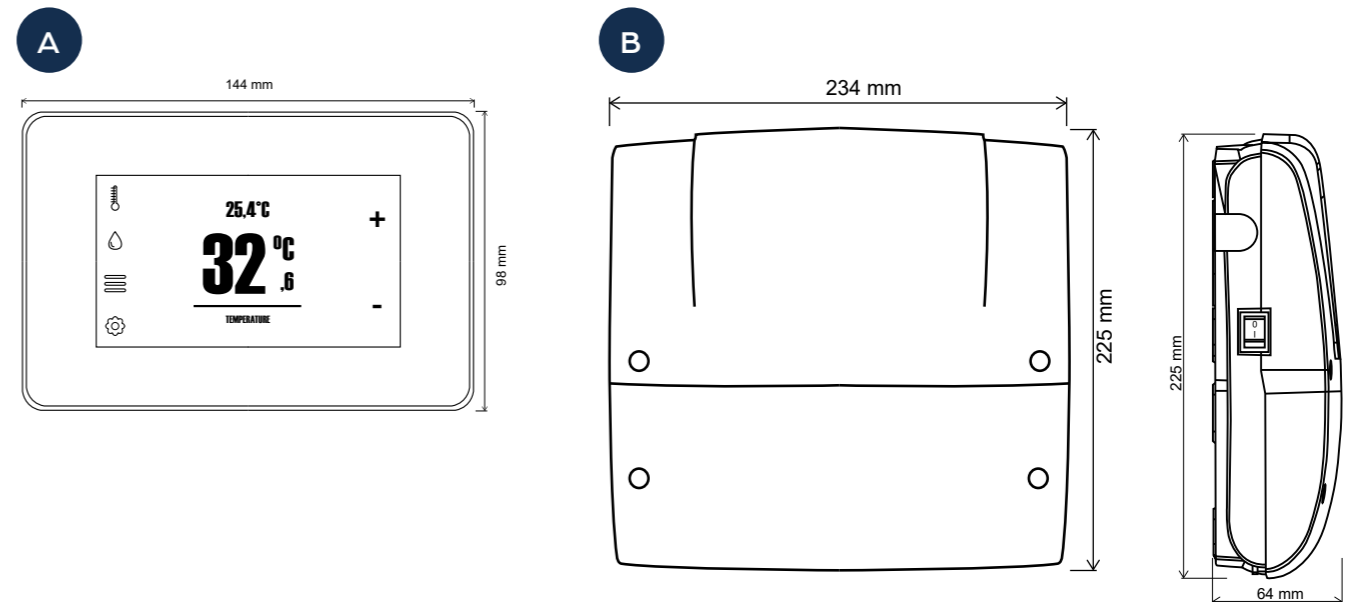
TECHNICAL DATA

THERMOSTATS & WIRELESS RECEIVER (C)

Thermostat Power supply (Wired / Wireless)	5 to 12V DC 0.2W via Wiring Centre / 2 x AA (LR6) 1.5V Alkaline Batteries
Wireless Receiver Power	5 to 12V DC 0.2W via Wiring Centre
Degree of Protection (Thermostats / Wireless Receiver)	IP20 / IP40
Relative Humidity	5 to 85% without Steam condensation
Storage Temperature	-10°C to 60°C
Working Temperature (Wired Thermostat / Wireless Receiver and Stat)	0 to 40°C / 5 to 35°C
Display	LCD with backlight
Controlling	Capacitive Buttons
Weight (Thermostat Panels / Wireless Receiver)	0.2kg / 0.16kg
Communication (Wireless Receiver)	Bi-Direction ISM Radio - ISM 868 MHz (865 to 868MHz)
Transmission Power (Wireless Thermostat and Receiver)	20mW (+13 dBm)
Dimensions (Thermostat Panels / Wireless Receiver)	87mm x 87mm x 27.3mm / 70mm x 50mm x 7.7mm
Installation method (Wired Thermostat & Wireless Receiver)	Wall Mounted
Installation Method (Wireless Thermostat)	Stand Mounted

TECHNICAL DATA

	TOUCHSCREEN DISPLAY (A)	WIRING CENTRE (B)
Power supply	12 VDC - via wiring centre	230 VAC, 50 Hz
Current	0.15 A	0.4 A
Display	Touch screen, graphical 480 x 272 px	-
Protection class	IP 20	IP 20
Ambient temperature	0 - 50°C	0 - 50°C
Storage temperature	0 - 65°C	0 - 65°C
Terminals	Screw terminals: 0,15 - 1,5mm ²	Screw terminals at supply voltage side - 1.0-2.5 mm ² Screw terminals at control voltage side - 0.14-1.0 mm ²
Dimensions	144 x 97 x 20mm	234 x 225 x 64mm
Standards	PN-EN 60730-2-9 PN-EN 60730-1	PN-EN 60730-2-9 PN-EN 60730-1
Software class	A, acc. to PN-EN 60730-1	A, acc. to PN-EN 60730-1
Installation method	Wall mounted	Wall mounted



CONFIGURE YOUR GRANT HEAT PUMP

1

CHOOSE YOUR HEAT PUMP



6kW AERONA³
HPID6R32BODY



10kW AERONA³
HPID10R32BODY



13kW AERONA³
HPID13R32BODY



17kW AERONA³
HPID17R32BODY

2

CHOOSE YOUR CONTROLS



R32 REMOTE CONTROLLER KIT

HPIDR32CON6 HPIDR32CON10 HPIDR32CON1317
FOR 6kW AERONA³ FOR 10kW AERONA³ FOR 13kW & 17kW AERONA³

Kit includes: Controller, Controller cable, Flexible Hoses, Isolation valves, Flow setter



R32 SMART CONTROLLER KIT

HPIDR32SMART6 HPIDR32SMART10 HPIDR32SMART1317
FOR 6kW AERONA³ FOR 10kW AERONA³ FOR 13kW & 17kW AERONA³

Kit includes: Smart Control Display, Wiring Centre, WiFi Hub, Outdoor Weather Sensor, 3x Water Temp Sensors, Flexible Hoses, Isolation valves, Flow sensor

3

CHOOSE AN OPTIONAL INSTALLATION PACK

S-PLAN (NON PRE-PLUMBED)

HPIDR32PACKA HPIDR32PACKK*
LOW LOSS HEADER 7 DAY IMMERSION PROGRAMMER
FLEXI-FOOT KIT
MAG ONE FILTER
18L SYSTEM KIT
C/W DHW PRIORITY
DHW PROGRAMMER
32A ISOLATOR

S-PLAN (PRE-PLUMBED)

HPIDR32PACKB HPIDR32PACKL*
LOW LOSS HEADER 7 DAY IMMERSION PROGRAMMER
FLEXI-FOOT KIT
MAG ONE FILTER
18L SYSTEM KIT
DHW PROGRAMMER
32A ISOLATOR

DIRECT (NON PRE-PLUMBED)

HPIDR32PACKC HPIDR32PACKM*
LOW LOSS HEADER 7 DAY IMMERSION PROGRAMMER
FLEXI-FOOT KIT
MAG ONE FILTER
18L SYSTEM KIT
HEAT PUMP
WIRING INTERFACE
DHW PROGRAMMER
32A ISOLATOR
HOT WATER PRIORITY RELAY
28MM 3-PORT DIVERTER VALVE
CYLINDER SENSOR

INSTALLATION PACKS

OPTIONAL EXTRAS

HPIDSMARTRECEIVER
WIRELESS RECEIVER*
HPIDSMARTTHERM
WIRELESS THERMOSTAT (NO RECEIVER)
HPIDSMARTTHERM
WIRED THERMOSTAT

HPIDSMARTSENSOR
2m WATER TEMPERATURE SENSOR
HPIDSMARTSENSOR
4m WATER TEMPERATURE SENSOR

INSTALLATION PACKS

DIRECT S-PLAN USING 2 PORT VALVE (NON PRE-PLUMBED)

HPIDR32PACKP*
FLEXI-FOOT KIT
MAG ONE FILTER
18L SYSTEM KIT
32A ISOLATOR
IMMERSION RELAY
28MM 3 PORT DIVERTER VALVE
IMMERSION RELAY
22MM 3 PORT MIXING VALVE

OPEN LOOP DIRECT USING 3 PORT DIVERTER & MIXING VALVE (NON PRE-PLUMBED)

HPIDR32PACKQ*
FLEXI-FOOT KIT
MAG ONE FILTER
18L SYSTEM KIT
32A ISOLATOR
IMMERSION RELAY
28MM 3 PORT DIVERTER VALVE
IMMERSION RELAY

OPEN LOOP DIRECT USING 3 PORT DIVERTER VALVE (NON PRE-PLUMBED)

HPIDR32PACKR*
FLEXI-FOOT KIT
MAG ONE FILTER
18L SYSTEM KIT
32A ISOLATOR
IMMERSION RELAY

*30L external volumiser is available as an optional component, where there is insufficient system volume (HPIDVOL30EXT/ HPIDVOL30EXT6)

*30L external volumiser or low loss header are available as optional components where there is insufficient system volume or where hydraulic separation is required (HPIDVOL30EXT/ HPIDVOL30EXT6/ HPIDVSYLLH(KIT))